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# **Light-Duty Automotive Technology and Fuel Economy Trends: 1975 Through 2005**

## **Appendix G: Car Data Stratified by EPA Car Class**

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### *NOTICE*

*This Technical Report does not necessarily represent final EPA decisions or positions.  
It is intended to present technical analysis of issues using data that are currently available.*

*The purpose in the release of such reports is to facilitate an exchange of  
technical information and to inform the public of technical developments.*

Appendix G

Table G-1 **Characteristics of 1975 to 2005 Two-Seater**

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ----> LAB 55/45 ADJ CITY ADJ HWY ADJ 55/45	WGHT LB	VOL CU-FT	ENGINE CID	HP	0-60 TIME	TOP SPD	HP/CID	HP/WT	TON -MPG	CU-FT -MPG	CU-FT- TON-MPG	
1975	244	0.024	19.7	15.1	19.5	16.8	3015	173	125	12.6	117	0.764	0.0406	25.2	
1976	203	0.016	19.4	14.9	19.2	16.5	3032	187	136	12.1	120	0.752	0.0429	25.1	
1977	221	0.016	20.0	15.5	19.5	17.1	3062	50.0	183	134	12.4	119	0.755	0.0421	26.2
1978	191	0.013	19.4	15.0	19.1	16.6	3079	50.0	187	143	11.8	122	0.795	0.0446	25.5
1979	256	0.018	20.1	15.3	20.0	17.1	3026	50.0	180	128	12.2	118	0.735	0.0411	26.1
1980	200	0.018	20.6	15.6	20.8	17.6	2954	50.0	180	121	12.3	116	0.702	0.0400	26.3
1981	162	0.015	21.9	17.1	21.1	18.7	3005	50.0	202	142	10.6	124	0.758	0.0469	28.3
1982	263	0.027	25.7	19.7	25.5	21.9	2726	50.0	146	106	13.0	112	0.734	0.0377	30.5
1983	137	0.013	23.9	18.4	23.4	20.3	2756	50.0	146	115	11.8	116	0.778	0.0411	28.3
1984	348	0.025	26.7	20.3	27.0	22.8	2886	50.0	174	121	12.1	117	0.717	0.0410	33.9
1985	335	0.023	26.9	20.5	26.9	23.0	2826	50.1	158	123	11.6	118	0.806	0.0425	33.4
1986	303	0.020	28.1	21.4	28.3	24.0	2915	50.0	166	130	11.7	119	0.818	0.0430	35.8
1987	282	0.019	27.5	20.8	27.9	23.5	2920	50.0	167	134	11.5	121	0.830	0.0442	35.4
1988	203	0.013	27.4	20.7	27.8	23.4	2940	50.0	170	138	11.2	122	0.845	0.0455	35.7
1989	113	0.008	26.9	20.3	27.3	23.0	3030	50.0	198	160	10.2	130	0.891	0.0509	36.2
1990	177	0.014	27.7	21.1	27.6	23.6	2979	50.0	164	160	10.3	130	1.019	0.0511	35.9
1991	178	0.014	29.0	22.2	28.6	24.7	2890	50.0	149	150	10.8	127	1.040	0.0491	36.6
1992	81	0.007	26.7	20.3	26.9	22.8	3022	50.0	187	183	10.0	137	1.018	0.0565	34.7
1993	118	0.009	28.4	21.6	28.6	24.2	2975	50.0	169	178	9.6	137	1.138	0.0572	37.0
1994	84	0.006	26.0	19.7	26.5	22.2	3134	50.0	207	197	8.8	143	1.073	0.0613	35.5
1995	79	0.005	26.3	19.8	27.0	22.5	3176	50.0	204	199	8.9	142	1.077	0.0606	36.3
1996	65	0.005	26.0	19.4	27.0	22.2	3168	50.0	216	205	8.6	145	1.050	0.0632	35.3
1997	72	0.005	26.7	20.0	27.4	22.8	3056	50.0	178	198	8.7	144	1.157	0.0628	35.3
1998	78	0.005	24.4	18.2	25.3	20.8	3458	50.0	243	255	7.7	160	1.108	0.0732	36.5
1999	118	0.008	25.8	19.4	26.4	22.1	3179	50.0	208	225	7.9	153	1.152	0.0695	35.2
2000	122	0.007	25.9	19.5	26.6	22.1	3124	50.0	208	232	7.7	156	1.192	0.0723	35.6
2001	143	0.009	26.2	19.7	26.9	22.4	3207	50.0	200	239	7.7	158	1.292	0.0732	36.6
2002	133	0.008	24.8	18.5	25.7	21.2	3401	50.0	224	252	7.6	160	1.214	0.0735	36.5
2003	181	0.011	25.0	18.7	25.9	21.3	3442	50.0	229	267	7.3	164	1.224	0.0766	37.0
2004	162	0.010	24.7	18.5	25.7	21.1	3502	50.0	234	271	7.4	165	1.208	0.0769	37.3
2005	162	0.009	24.5	18.2	25.5	20.9	3447	50.0	233	284	7.2	171	1.262	0.0817	36.5

Percent of Two-Seater:

MODEL YEAR	DRIVETRAIN		TRANSMISSION		FUEL METERING					NUMBER OF VALVES			
	FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	TWO	THREE	FOUR	FIVE
1975	0.0	0.0	74.6	0.0	42.4	42.4	0.0	57.6	0.0				
1976	0.0	0.0	70.5	0.0	37.1	37.1	0.0	62.9	0.0				
1977	0.0	0.0	70.5	0.0	40.2	40.2	0.0	59.8	0.0				
1978	0.0	0.0	71.8	0.0	46.9	46.9	0.0	53.1	0.0				
1979	0.0	0.0	72.8	0.0	31.5	31.5	0.0	68.5	0.0				
1980	0.0	0.0	74.0	13.6	34.4	34.4	0.0	65.6	0.0				
1981	0.0	0.0	61.3	20.1	55.4	55.4	0.0	44.6	0.0				
1982	47.8	0.0	69.2	9.5	32.8	23.3	9.5	67.2	0.0				
1983	17.1	0.0	81.0	4.5	40.3	40.3	0.0	59.7	0.0				
1984	17.9	0.0	60.4	33.7	73.6	20.5	53.1	26.4	0.0				
1985	25.0	0.0	67.4	26.3	64.9	53.3	11.6	35.1	0.0				
1986	29.8	0.0	62.4	30.7	81.7	70.0	11.7	18.3	0.0	81.2	7.3	11.5	0.0
1987	32.7	0.0	64.0	28.5	85.9	71.3	14.6	14.1	0.0	70.4	22.2	7.4	0.0
1988	41.9	0.0	62.1	27.4	100.0	73.9	26.1	0.0	0.0	76.2	0.0	23.8	0.0
1989	32.6	16.5	51.5	36.6	100.0	85.8	14.2	0.0	0.0	61.5	0.0	38.5	0.0
1990	31.3	0.0	66.9	27.2	100.0	88.5	11.5	0.0	0.0	33.0	0.0	67.0	0.0
1991	34.9	0.0	68.5	21.1	100.0	81.4	18.6	0.0	0.0	33.1	0.0	66.9	0.0
1992	16.1	0.1	55.3	26.3	100.0	86.3	13.7	0.0	0.0	47.3	0.0	52.7	0.0
1993	42.3	0.0	59.8	35.5	100.0	94.4	5.6	0.0	0.0	52.1	0.0	47.9	0.0
1994	24.1	0.1	57.5	35.6	100.0	100.0	0.0	0.0	0.0	35.2	0.0	64.8	0.0
1995	23.5	0.1	57.9	31.4	100.0	100.0	0.0	0.0	0.0	33.9	0.0	65.4	0.7
1996	4.7	0.0	55.6	40.8	100.0	100.0	0.0	0.0	0.0	35.3	0.0	64.3	0.4
1997	10.8	0.1	64.0	34.3	100.0	100.0	0.0	0.0	0.0	14.8	0.0	84.3	0.9
1998	0.0	0.1	36.6	61.2	100.0	100.0	0.0	0.0	0.0	38.2	0.0	61.1	0.7
1999	28.5	0.1	54.1	42.6	100.0	100.0	0.0	0.0	0.0	26.1	7.7	65.2	0.9
2000	4.6	0.0	63.0	34.6	100.0	100.0	0.0	0.0	0.0	26.9	0.0	72.7	0.5
2001	5.0	7.1	60.9	36.1	100.0	100.0	0.0	0.0	0.0	24.4	9.6	56.8	9.2
2002	2.9	3.0	47.2	49.9	100.0	100.0	0.0	0.0	0.0	26.3	5.6	63.5	4.6
2003	1.5	0.8	45.8	52.4	100.0	100.0	0.0	0.0	0.0	18.3	15.4	64.1	2.2
2004	1.4	1.2	47.3	52.4	100.0	100.0	0.0	0.0	0.0	21.5	19.8	56.2	2.6
2005	2.2	1.4	40.5	58.4	100.0	100.0	0.0	0.0	0.0	20.0	26.6	50.2	3.3

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Table G-2

Characteristics of 1975 to 2005 Minicompact

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ----> LAB 55/45 ADJ CITY ADJ HWY ADJ 55/45	WGHT LB	VOL CU-FT	ENGINE CID	HP	0-60 TIME	TOP SPD	HP/CID	HP/WT	TON-MPG	CU-FT-MPG	CU-FT-TON-MPG	
1975	941	0.092	23.0	17.6	22.8	19.6	2721	128	82	15.2	102	0.669	0.0298	27.4	
1976	913	0.074	26.0	20.2	25.2	22.2	2688	124	80	15.1	102	0.673	0.0297	30.1	
1977	915	0.065	27.9	21.7	26.8	23.8	2544	78.8	116	83	14.0	105	0.756	0.0326	30.7
1978	901	0.062	27.4	21.7	25.6	23.3	2583	79.1	120	83	14.1	105	0.730	0.0322	30.6
1979	436	0.031	27.6	21.7	26.3	23.5	2450	79.7	113	77	14.4	103	0.689	0.0312	29.0
1980	383	0.034	28.1	22.1	26.8	24.0	2458	82.8	116	78	14.4	103	0.675	0.0314	29.6
1981	227	0.022	34.3	27.6	31.3	29.1	2164	82.6	92	67	14.5	101	0.723	0.0307	31.9
1982	178	0.018	35.5	28.5	32.3	30.1	2193	82.7	95	70	14.6	102	0.727	0.0311	33.7
1983	156	0.015	35.7	28.4	33.3	30.4	2273	82.0	99	77	14.2	104	0.754	0.0327	35.3
1984	42	0.003	25.6	19.5	25.7	21.8	2855	75.9	151	141	10.5	125	0.927	0.0484	31.6
1985	73	0.005	36.0	28.0	34.9	30.7	2300	79.2	114	95	13.1	111	0.818	0.0380	37.6
1986	176	0.011	30.7	23.5	30.5	26.2	2407	80.5	113	104	12.8	114	0.881	0.0403	33.6
1987	71	0.005	30.7	23.6	30.2	26.2	2636	77.2	128	130	11.3	123	0.985	0.0469	36.1
1988	43	0.003	31.1	24.1	30.2	26.5	2619	77.9	128	129	11.7	122	0.954	0.0462	36.9
1989	28	0.002	26.9	20.7	26.3	22.9	2866	77.2	146	148	10.7	128	0.985	0.0504	33.5
1990	76	0.006	26.3	20.1	26.1	22.4	3019	80.7	148	145	10.5	125	0.969	0.0475	34.0
1991	95	0.008	28.6	22.1	28.0	24.4	2912	75.5	127	137	10.8	123	1.076	0.0464	35.7
1992	118	0.010	31.4	24.2	30.6	26.7	2691	81.0	110	118	11.2	118	1.073	0.0435	36.0
1993	74	0.006	30.0	23.2	29.3	25.6	2818	79.5	118	130	10.9	121	1.089	0.0454	36.1
1994	39	0.003	28.1	21.3	28.4	24.0	3146	81.0	132	163	10.3	129	1.202	0.0501	37.6
1995	56	0.004	27.3	20.8	27.4	23.3	3218	79.9	147	166	9.9	131	1.122	0.0513	37.6
1996	43	0.003	26.9	20.3	27.3	23.0	3270	76.8	157	179	9.8	134	1.127	0.0538	37.9
1997	43	0.003	26.6	20.0	27.2	22.7	3338	76.6	154	185	9.7	136	1.194	0.0547	38.3
1998	37	0.003	25.8	19.3	26.8	22.1	3522	78.9	169	195	9.6	137	1.146	0.0548	39.0
1999	51	0.003	25.2	18.7	26.6	21.6	3602	79.3	181	220	9.0	145	1.199	0.0609	39.1
2000	40	0.002	24.2	18.1	25.4	20.7	3729	79.6	192	244	8.3	152	1.300	0.0656	38.9
2001	80	0.005	24.9	18.6	26.0	21.3	3711	80.5	178	228	8.8	147	1.293	0.0615	39.8
2002	96	0.006	25.6	19.2	26.2	21.9	3649	81.5	187	238	8.5	150	1.301	0.0646	40.2
2003	92	0.006	27.8	20.9	28.5	23.7	3407	82.1	152	199	9.8	140	1.309	0.0571	40.9
2004	127	0.008	27.7	20.8	28.6	23.7	3471	82.3	147	188	10.1	135	1.287	0.0533	41.3
2005	118	0.007	28.3	21.3	29.0	24.2	3395	81.5	146	188	10.0	136	1.301	0.0544	41.4

Percent of Minicompact:

MODEL YEAR	DRIVETRAIN		TRANSMISSION		FUEL METERING					NUMBER OF VALVES			
	FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	TWO	THREE	FOUR	FIVE
1975	19.6	0.0	67.7	0.0	11.5	11.5	0.0	88.5	0.0				
1976	22.1	0.0	63.5	0.0	4.5	4.5	0.0	95.5	0.0				
1977	25.4	0.0	70.6	0.0	1.9	1.9	0.0	98.1	0.0				
1978	22.3	0.0	63.0	0.0	1.5	1.5	0.0	98.5	0.0				
1979	44.8	0.0	73.4	0.0	3.4	3.4	0.0	96.6	0.0				
1980	47.2	0.0	60.0	0.0	1.6	1.6	0.0	98.4	0.0				
1981	83.2	0.0	81.2	0.0	1.0	1.0	0.0	99.0	0.0				
1982	80.4	0.0	80.8	0.0	6.4	6.4	0.0	93.6	0.0				
1983	81.8	0.0	80.9	0.2	20.6	20.6	0.0	79.4	0.0				
1984	30.6	0.0	84.3	0.2	92.6	92.6	0.0	7.4	0.0				
1985	67.7	0.0	86.1	0.1	46.9	46.9	0.0	53.1	0.0				
1986	54.6	0.0	82.7	5.1	52.2	52.2	0.0	47.8	0.0	94.2	0.0	5.8	0.0
1987	54.9	0.0	81.9	3.9	85.9	85.9	0.0	14.1	0.0	81.4	0.0	18.6	0.0
1988	62.4	0.0	76.6	8.3	77.0	77.0	0.0	23.0	0.0	76.5	0.0	23.5	0.0
1989	62.4	3.5	65.3	16.1	100.0	100.0	0.0	0.0	0.0	63.1	0.0	36.9	0.0
1990	11.4	0.0	61.6	32.1	100.0	100.0	0.0	0.0	0.0	17.4	79.4	3.2	0.0
1991	50.9	0.0	59.8	36.3	100.0	100.0	0.0	0.0	0.0	9.4	0.0	90.6	0.0
1992	71.5	0.0	55.3	41.3	100.0	100.0	0.0	0.0	0.0	8.2	0.0	91.8	0.0
1993	64.9	0.0	52.5	45.7	100.0	100.0	0.0	0.0	0.0	18.8	0.0	81.2	0.0
1994	44.5	0.0	43.2	51.4	100.0	100.0	0.0	0.0	0.0	7.2	0.0	92.8	0.0
1995	17.3	0.0	40.8	50.6	100.0	100.0	0.0	0.0	0.0	5.3	0.0	94.7	0.0
1996	37.7	6.7	48.0	50.2	100.0	100.0	0.0	0.0	0.0	19.2	0.0	80.8	0.0
1997	48.1	4.7	47.8	50.2	100.0	100.0	0.0	0.0	0.0	17.7	0.0	82.3	0.0
1998	38.5	1.1	34.4	64.6	100.0	100.0	0.0	0.0	0.0	8.9	0.0	91.1	0.0
1999	25.7	3.2	38.4	55.9	100.0	100.0	0.0	0.0	0.0	0.0	11.8	88.2	0.0
2000	8.3	13.5	46.9	48.4	100.0	100.0	0.0	0.0	0.0	0.0	0.0	81.9	18.1
2001	33.7	16.0	37.2	59.2	100.0	100.0	0.0	0.0	0.0	0.0	7.6	81.8	10.7
2002	29.0	10.7	38.8	55.4	100.0	100.0	0.0	0.0	0.0	0.0	0.0	94.0	6.0
2003	58.3	7.0	44.4	46.0	100.0	100.0	0.0	0.0	0.0	16.6	0.0	76.4	6.9
2004	60.9	5.1	34.7	58.0	100.0	100.0	0.0	0.0	0.0	14.2	0.0	70.8	15.1
2005	67.7	2.5	44.9	46.2	100.0	100.0	0.0	0.0	0.0	15.2	0.0	75.3	9.5

Appendix G

Table G-3

Characteristics of 1975 to 2005 Subcompact

MODEL YEAR	SALES (000)	FRAC	<---- LAB 55/45	FUEL ECON ADJ CITY	ECONOMY ADJ HWY	----> ADJ 55/45	WGHT LB	VOL CU-FT	ENGINE CID	HP	0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG	CU-FT -MPG	CU-FT- TON-MPG
1975	1011	0.099	19.2	15.0	18.6	16.4	3242		206	107	14.2	108	0.585	0.0329	26.8		
1976	1368	0.111	22.2	17.4	21.1	18.9	3033		181	97	14.7	106	0.607	0.0316	28.8		
1977	1577	0.112	23.9	18.8	22.6	20.3	2966	90.7	174	98	14.2	107	0.633	0.0325	30.7	1983	2783
1978	2056	0.142	24.6	19.4	23.4	21.0	2842	89.7	159	93	14.4	106	0.649	0.0321	30.4	2032	2726
1979	3044	0.219	24.1	19.0	22.8	20.5	2847	90.4	155	94	14.2	106	0.659	0.0323	29.6	1955	2674
1980	3552	0.314	27.1	21.3	25.7	23.1	2640	89.9	128	82	14.7	103	0.669	0.0308	30.8	2148	2768
1981	2712	0.257	29.3	23.3	27.3	24.9	2604	90.3	124	81	14.7	103	0.676	0.0308	32.9	2334	2971
1982	2329	0.239	29.1	22.8	27.7	24.8	2657	91.8	133	86	14.5	105	0.666	0.0317	33.6	2377	3077
1983	1968	0.191	30.0	23.4	29.0	25.6	2687	93.3	136	90	14.0	106	0.693	0.0330	34.9	2505	3262
1984	2545	0.182	29.6	22.9	28.8	25.2	2737	93.3	140	97	13.5	108	0.722	0.0348	35.0	2457	3265
1985	2181	0.151	30.1	23.3	29.2	25.6	2734	93.9	136	100	13.2	110	0.760	0.0358	35.4	2506	3325
1986	2376	0.155	30.6	23.7	29.6	26.0	2764	94.7	136	100	13.4	109	0.765	0.0354	36.4	2571	3449
1987	2088	0.140	31.1	24.2	30.0	26.5	2728	92.7	128	99	13.7	109	0.795	0.0350	36.5	2551	3377
1988	2143	0.140	32.0	25.0	30.5	27.2	2668	93.2	122	99	13.5	110	0.823	0.0358	36.7	2652	3421
1989	1950	0.135	31.2	24.2	30.1	26.6	2748	93.1	129	104	13.0	111	0.852	0.0369	36.9	2592	3436
1990	1974	0.157	31.5	24.7	30.1	26.9	2762	94.5	117	108	12.5	113	0.962	0.0385	37.4	2615	3533
1991	2303	0.183	31.5	24.3	30.7	26.8	2779	94.8	124	111	12.3	114	0.938	0.0392	37.6	2630	3564
1992	2021	0.166	31.8	24.5	31.2	27.2	2806	93.8	122	117	12.0	116	0.987	0.0408	38.6	2651	3616
1993	1872	0.142	32.0	24.6	31.5	27.3	2797	94.4	124	120	11.8	117	0.977	0.0418	38.6	2677	3643
1994	1995	0.141	31.6	24.0	31.6	26.9	2879	94.4	134	125	11.7	118	0.973	0.0423	39.2	2645	3701
1995	1623	0.107	31.5	23.9	31.7	26.9	2949	93.6	141	134	11.3	121	1.015	0.0443	40.1	2640	3760
1996	1108	0.084	32.9	25.0	33.0	28.1	2875	94.9	136	131	11.2	121	1.024	0.0446	40.7	2779	3865
1997	1487	0.103	32.5	25.0	32.2	27.8	2909	95.5	126	128	11.5	119	1.058	0.0431	40.6	2726	3885
1998	1602	0.111	31.6	24.0	31.8	27.0	2984	96.4	138	135	11.1	122	1.022	0.0447	40.6	2666	3911
1999	1382	0.091	31.3	23.8	31.4	26.7	2973	96.4	137	136	11.1	122	1.024	0.0450	40.0	2634	3854
2000	1492	0.090	30.7	23.4	30.7	26.2	3026	96.5	145	144	10.7	124	1.040	0.0469	39.9	2583	3850
2001	644	0.041	28.4	21.4	29.0	24.2	3226	93.5	173	173	9.8	133	1.035	0.0528	39.4	2326	3684
2002	575	0.036	28.2	21.2	29.0	24.1	3293	94.3	183	186	9.4	137	1.074	0.0557	40.0	2338	3772
2003	615	0.039	26.8	20.2	27.2	22.9	3488	90.5	181	189	9.7	136	1.073	0.0539	40.1	2136	3636
2004	405	0.025	27.5	20.7	28.1	23.5	3380	94.0	177	193	9.4	138	1.141	0.0562	40.2	2271	3777
2005	660	0.038	28.3	21.4	28.7	24.2	3309	97.1	168	187	9.4	137	1.149	0.0556	40.4	2414	3926

Percent of Subcompact:

MODEL YEAR	DRIVETRAIN		TRANSMISSION		FUEL METERING					NUMBER OF VALVES			
	FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	TWO	THREE	FOUR	FIVE
1975	17.6	0.0	40.9	0.0	8.9	8.9	0.0	91.1	0.0				
1976	13.1	0.0	42.8	0.0	3.1	3.1	0.0	96.9	0.0				
1977	19.4	0.0	46.5	0.0	12.5	12.5	0.0	86.3	1.2				
1978	22.3	0.0	54.4	0.0	11.7	11.7	0.0	86.6	1.8				
1979	25.9	0.0	51.5	0.0	7.3	7.3	0.0	91.3	1.5				
1980	35.3	0.4	58.2	3.5	10.9	10.9	0.0	85.6	3.4				
1981	36.0	0.3	58.9	8.5	12.1	12.1	0.0	82.4	5.5				
1982	39.8	0.2	55.1	23.6	18.1	14.8	3.2	77.8	4.1				
1983	53.4	0.2	55.8	32.0	24.2	21.5	2.7	74.6	1.2				
1984	49.8	0.5	51.5	35.1	31.9	28.9	3.0	66.3	1.7				
1985	58.7	0.3	49.4	34.1	33.9	28.8	5.1	65.9	0.2				
1986	64.5	1.1	50.3	34.0	41.4	36.5	4.9	58.5	0.1	82.5	13.8	3.7	0.0
1987	69.1	0.5	51.3	39.4	47.0	40.3	6.8	52.9	0.1	59.7	26.9	13.4	0.0
1988	77.7	1.2	53.6	40.0	50.9	35.7	15.2	49.1	0.0	53.6	21.8	24.6	0.0
1989	72.3	1.1	46.5	45.3	65.1	44.5	20.6	34.9	0.0	58.1	12.6	29.3	0.0
1990	87.9	0.5	44.9	51.1	95.5	71.5	24.0	4.5	0.0	35.3	16.4	48.3	0.0
1991	84.3	1.4	39.1	56.2	99.8	59.6	40.3	0.2	0.0	43.9	11.8	44.3	0.0
1992	84.2	1.6	38.0	56.4	100.0	84.5	15.5	0.0	0.0	41.6	8.0	50.4	0.0
1993	84.6	1.7	42.6	51.9	100.0	91.7	8.3	0.0	0.0	45.3	10.1	44.6	0.0
1994	81.8	0.2	37.7	58.0	100.0	93.6	6.4	0.0	0.0	45.6	7.6	46.8	0.0
1995	72.1	1.4	40.4	55.4	100.0	95.0	5.0	0.0	0.0	34.9	3.1	62.0	0.0
1996	75.8	1.1	41.4	52.1	100.0	92.2	7.8	0.0	0.0	33.0	2.6	64.4	0.0
1997	83.3	0.6	31.4	64.9	100.0	95.5	4.5	0.0	0.0	22.5	0.0	77.5	0.0
1998	81.2	0.6	30.1	68.3	99.8	99.1	0.7	0.0	0.2	39.1	2.4	58.4	0.0
1999	83.2	0.5	27.5	71.0	99.8	99.2	0.6	0.0	0.2	43.4	6.8	49.5	0.2
2000	76.7	0.5	26.2	71.9	99.5	99.2	0.3	0.0	0.5	47.5	1.0	49.8	1.8
2001	57.7	0.8	32.1	64.4	98.9	98.9	0.0	0.0	1.1	47.4	1.4	47.5	3.7
2002	51.0	5.9	34.2	65.5	98.6	98.6	0.0	0.0	1.4	47.5	4.8	44.0	3.7
2003	62.3	6.7	26.2	72.7	99.3	99.3	0.0	0.0	0.7	30.2	5.0	61.5	3.3
2004	43.7	5.8	47.0	45.2	99.2	99.2	0.0	0.0	0.8	39.4	5.4	50.0	5.2
2005	62.9	4.1	32.7	66.4	99.4	99.4	0.0	0.0	0.6	22.0	10.9	64.6	2.5

Appendix G

Table G-4 **Characteristics of 1975 to 2005 Compact**

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ----> LAB 55/45 ADJ CITY ADJ HWY ADJ 55/45	WGHT LB	VOL CU-FT	ENGINE CID	HP	0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG	CU-FT -MPG	CU-FT- TON-MPG
1975	1893	0.185	16.2	12.9	15.0	13.8	3958	287	129	14.6	110	0.454	0.0322	27.6
1976	2557	0.207	17.5	13.9	16.4	14.9	4025	289	125	15.2	108	0.434	0.0307	30.2
1977	2767	0.196	17.9	14.2	16.7	15.2	4128	107.3	291	131	14.6	0.452	0.0315	31.6
1978	1482	0.103	20.2	15.8	19.3	17.2	3552	105.1	236	113	14.5	0.506	0.0318	30.6
1979	668	0.048	19.5	15.4	18.3	16.6	3624	105.3	246	117	14.4	0.495	0.0321	30.4
1980	690	0.061	22.4	17.4	21.6	19.1	3184	106.2	186	102	14.4	0.577	0.0324	30.7
1981	976	0.092	26.7	20.7	26.1	22.8	2825	104.3	142	91	14.2	0.671	0.0325	32.4
1982	1268	0.130	29.0	22.2	28.8	24.8	2794	102.9	128	86	14.6	0.695	0.0310	34.8
1983	1456	0.141	28.8	22.2	28.2	24.5	2844	103.2	141	91	14.4	0.677	0.0318	35.2
1984	2731	0.195	29.7	23.0	28.8	25.3	2798	103.1	136	90	14.3	0.687	0.0321	35.7
1985	2929	0.203	29.8	23.1	29.0	25.5	2804	102.9	138	98	13.5	0.727	0.0347	36.0
1986	3348	0.218	29.8	23.1	29.0	25.4	2819	103.2	137	98	13.5	0.735	0.0346	36.1
1987	4012	0.270	29.7	23.0	29.1	25.4	2836	102.8	135	100	13.3	0.759	0.0351	36.2
1988	4317	0.282	29.9	23.1	29.3	25.5	2889	103.6	136	106	13.0	0.794	0.0365	37.0
1989	3585	0.248	29.9	23.1	29.3	25.5	2886	102.8	130	108	12.7	0.837	0.0372	36.9
1990	2771	0.220	29.0	22.2	28.7	24.7	2984	103.3	138	118	12.3	0.857	0.0393	37.1
1991	2455	0.195	29.0	22.2	28.6	24.7	2984	104.5	136	120	12.1	0.887	0.0400	37.2
1992	2221	0.182	28.6	21.8	28.6	24.4	3034	104.3	143	127	11.8	0.893	0.0416	37.1
1993	2473	0.187	29.6	22.6	29.6	25.3	2982	104.1	139	121	12.0	0.886	0.0405	37.8
1994	2602	0.184	29.8	22.7	29.8	25.4	3023	103.9	138	124	11.9	0.912	0.0408	38.6
1995	3432	0.227	30.6	23.2	30.8	26.1	2998	103.9	134	132	11.2	0.992	0.0439	39.2
1996	2981	0.227	30.3	22.9	30.7	25.9	3007	103.1	134	133	11.1	0.999	0.0441	39.0
1997	2840	0.196	30.3	22.9	30.8	25.9	3004	102.6	135	133	11.1	0.988	0.0442	39.0
1998	2121	0.147	30.9	23.3	31.5	26.4	3010	102.7	131	134	11.0	1.028	0.0444	39.9
1999	2368	0.156	30.1	22.7	30.7	25.7	3135	103.2	139	141	10.9	1.028	0.0448	40.4
2000	2612	0.158	30.5	23.1	30.9	26.0	3097	103.6	132	138	11.1	1.049	0.0441	40.5
2001	3197	0.205	31.7	24.1	31.8	27.1	3055	103.0	130	139	11.0	1.074	0.0449	41.7
2002	2998	0.186	31.8	24.2	31.8	27.1	3065	102.5	128	140	10.9	1.091	0.0451	42.0
2003	2812	0.178	32.1	24.5	32.1	27.4	3087	104.0	131	146	10.7	1.121	0.0467	42.9
2004	2518	0.158	32.0	24.3	32.3	27.3	3113	103.7	134	150	10.5	1.125	0.0478	42.9
2005	2518	0.147	32.3	24.6	32.4	27.6	3119	104.2	132	151	10.5	1.149	0.0476	43.4

Percent of Compact:

MODEL YEAR	DRIVETRAIN		TRANSMISSION		FUEL METERING					NUMBER OF VALVES			
	FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	TWO	THREE	FOUR	FIVE
1975	2.4	0.0	8.1	0.0	4.4	4.4	0.0	94.6	1.0				
1976	2.5	0.0	6.3	0.0	3.6	3.6	0.0	95.4	0.9				
1977	2.3	0.0	4.4	0.0	3.8	3.8	0.0	95.1	1.1				
1978	17.8	0.0	10.0	16.3	9.1	9.1	0.0	88.8	2.2				
1979	13.6	0.0	9.0	0.0	14.8	14.8	0.0	77.2	8.0				
1980	56.8	5.8	14.5	6.7	10.8	10.8	0.0	80.9	8.4				
1981	81.4	2.1	32.9	5.8	8.0	8.0	0.0	86.0	6.0				
1982	84.8	1.9	34.8	39.7	21.5	8.3	13.1	73.2	5.3				
1983	74.7	2.2	32.3	42.4	50.6	13.2	37.4	45.1	4.4				
1984	82.0	0.8	28.4	41.0	54.0	21.6	32.4	43.1	2.8				
1985	85.3	0.2	28.3	42.8	70.8	24.0	46.9	26.7	2.4				
1986	86.6	0.2	28.5	50.0	76.4	33.0	43.4	22.9	0.7	99.0	0.0	1.0	0.0
1987	90.5	0.4	29.5	49.3	74.6	32.4	42.2	25.1	0.3	86.4	8.3	5.3	0.0
1988	91.2	0.2	25.6	59.0	91.4	48.7	42.7	8.6	0.0	79.6	9.5	10.9	0.0
1989	95.8	0.5	26.0	56.2	94.9	54.9	40.0	5.0	0.1	62.4	21.8	15.8	0.0
1990	95.5	0.8	19.3	63.6	99.9	66.7	33.2	0.0	0.1	60.0	5.5	34.5	0.0
1991	95.0	1.6	21.7	65.3	99.6	82.3	17.3	0.0	0.4	55.1	6.1	38.8	0.0
1992	96.1	0.9	19.2	66.2	99.8	89.0	10.8	0.0	0.2	63.0	4.7	32.3	0.0
1993	97.5	0.5	18.3	69.9	100.0	87.7	12.3	0.0	0.0	58.3	1.5	40.3	0.0
1994	96.2	0.4	18.8	72.8	100.0	91.7	8.3	0.0	0.0	49.3	0.0	50.7	0.0
1995	95.4	0.8	19.5	78.7	99.8	99.8	0.0	0.0	0.2	32.3	1.5	66.2	0.0
1996	97.3	0.9	17.2	81.9	100.0	100.0	0.0	0.0	0.0	32.5	1.5	65.9	0.0
1997	95.5	1.1	16.8	83.2	100.0	100.0	0.0	0.0	0.0	35.5	2.5	61.8	0.3
1998	93.8	1.8	15.3	84.7	99.6	99.6	0.0	0.0	0.4	22.5	1.9	74.3	1.2
1999	93.5	1.7	13.1	86.4	99.7	99.7	0.0	0.0	0.3	29.2	0.7	69.0	1.2
2000	92.0	1.4	15.3	83.2	99.5	99.5	0.0	0.0	0.5	22.2	2.3	74.2	1.3
2001	92.0	2.2	15.8	82.8	99.5	99.5	0.0	0.0	0.5	25.1	2.0	70.0	2.9
2002	90.2	3.5	16.5	82.3	99.2	99.2	0.0	0.0	0.8	26.2	2.4	68.2	3.2
2003	86.6	3.8	16.2	81.8	99.3	99.3	0.0	0.0	0.7	14.3	2.2	80.2	3.3
2004	87.6	5.2	21.1	77.1	99.5	99.5	0.0	0.0	0.5	11.0	1.4	84.8	2.8
2005	86.3	7.1	20.5	73.7	99.6	99.6	0.0	0.0	0.4	9.1	1.5	86.2	3.1

Appendix G

Table G-5

Characteristics of 1975 to 2005 Mid-Size Car

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ---->			WGHT LB	VOL CU-FT	ENGINE		0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG	CU-FT -MPG	CU-FT- TON-MPG	
			LAB 55/45	ADJ CITY	ADJ HWY			ADJ 55/45	CID								HP
1975	1631	0.160	13.6	10.5	13.1	11.6	4630	353	158	13.9	115	0.447	0.0341	27.2			
1976	1964	0.159	15.7	12.2	15.1	13.4	4558	343	156	13.8	114	0.454	0.0340	30.7			
1977	2226	0.158	16.4	12.9	15.7	14.0	4473	112.9	332	151	13.9	114	0.454	0.0337	31.6	1601	3565
1978	3339	0.231	18.6	14.4	17.9	15.8	3820	113.0	292	135	13.4	113	0.464	0.0353	30.3	1823	3422
1979	3211	0.231	19.1	15.0	18.1	16.3	3710	113.1	272	128	13.6	112	0.474	0.0345	30.3	1870	3425
1980	2987	0.264	21.6	16.8	21.0	18.4	3362	113.2	228	113	13.8	109	0.512	0.0336	31.1	2113	3523
1981	2902	0.275	22.9	17.8	22.3	19.6	3346	113.9	220	107	14.2	108	0.509	0.0322	32.9	2255	3746
1982	2136	0.219	24.0	18.4	23.8	20.5	3321	113.9	211	107	14.2	108	0.529	0.0324	34.3	2377	3906
1983	2269	0.220	23.9	18.4	23.6	20.4	3316	113.8	212	111	13.8	109	0.544	0.0336	34.0	2363	3876
1984	2770	0.198	24.1	18.5	23.9	20.6	3318	113.7	210	113	13.6	110	0.563	0.0342	34.3	2373	3896
1985	2777	0.192	24.9	19.0	24.9	21.3	3318	113.6	205	117	13.3	112	0.606	0.0354	35.4	2453	4025
1986	2666	0.174	25.9	19.7	26.0	22.1	3241	113.8	194	118	13.0	113	0.640	0.0364	35.9	2544	4088
1987	2252	0.152	26.0	19.8	26.2	22.2	3247	113.7	188	123	12.7	114	0.684	0.0379	36.2	2557	4115
1988	2113	0.138	26.7	20.1	27.4	22.8	3293	113.4	183	129	12.3	116	0.718	0.0389	37.7	2614	4271
1989	2591	0.179	26.6	20.0	27.6	22.8	3314	113.6	181	131	12.2	117	0.735	0.0396	37.8	2608	4300
1990	2342	0.186	26.2	19.5	27.4	22.4	3450	113.7	187	140	12.0	119	0.758	0.0407	38.8	2568	4410
1991	2114	0.168	26.0	19.4	27.1	22.3	3412	113.5	191	146	11.5	121	0.773	0.0428	38.1	2544	4321
1992	2120	0.174	25.8	19.2	27.0	22.1	3515	113.9	191	151	11.5	122	0.801	0.0427	38.8	2524	4425
1993	2330	0.176	26.1	19.4	27.3	22.3	3515	113.9	192	153	11.4	123	0.812	0.0434	39.3	2559	4484
1994	2057	0.146	25.9	19.3	27.0	22.2	3529	113.5	189	155	11.4	123	0.827	0.0437	39.1	2527	4444
1995	2515	0.166	26.1	19.3	27.7	22.3	3546	114.3	189	166	10.7	127	0.889	0.0465	39.7	2566	4535
1996	2359	0.179	26.5	19.7	27.8	22.6	3527	114.1	181	162	10.9	126	0.906	0.0459	40.0	2592	4559
1997	2399	0.166	26.5	19.7	28.0	22.7	3551	114.5	184	170	10.6	128	0.933	0.0476	40.5	2616	4631
1998	2968	0.205	27.1	20.2	28.5	23.2	3534	114.0	177	169	10.5	128	0.965	0.0477	41.2	2659	4690
1999	3141	0.206	27.1	20.1	28.4	23.2	3540	114.0	175	170	10.5	128	0.984	0.0480	41.2	2653	4688
2000	2894	0.175	27.0	20.1	28.2	23.1	3550	113.6	174	178	10.2	131	1.027	0.0499	41.1	2635	4664
2001	2480	0.159	27.2	20.3	28.4	23.3	3566	113.7	175	180	10.1	132	1.034	0.0503	41.7	2663	4738
2002	2807	0.174	27.7	20.8	28.5	23.7	3549	114.8	177	185	9.8	134	1.055	0.0519	42.2	2735	4842
2003	2483	0.157	28.3	21.1	29.5	24.2	3567	114.6	174	189	9.7	135	1.096	0.0529	43.3	2791	4963
2004	2963	0.186	28.8	21.5	30.0	24.6	3544	114.9	173	188	9.8	135	1.093	0.0528	44.1	2881	5071
2005	2918	0.170	29.0	21.7	30.2	24.8	3577	114.5	172	190	9.8	135	1.104	0.0526	44.8	2891	5131

Percent of Mid-Size Car:

MODEL YEAR	DRIVETRAIN		TRANSMISSION		FUEL METERING					NUMBER OF VALVES			
	FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	TWO	THREE	FOUR	FIVE
1975	2.7	0.0	0.6	0.0	0.7	0.7	0.0	99.3	0.0				
1976	2.5	0.0	0.4	0.0	0.6	0.6	0.0	99.4	0.0				
1977	2.1	0.0	0.3	0.0	0.7	0.7	0.0	99.3	0.0				
1978	1.4	0.0	1.7	11.1	1.4	1.4	0.0	98.6	0.0				
1979	5.2	0.0	1.9	21.4	2.3	2.3	0.0	96.3	1.4				
1980	30.2	0.0	7.8	25.3	2.5	1.0	1.5	94.9	2.5				
1981	32.3	0.0	5.6	52.2	2.4	0.1	2.3	93.7	4.0				
1982	44.7	0.0	2.0	82.6	15.6	0.2	15.4	80.7	3.8				
1983	48.9	0.0	1.2	80.0	17.7	0.5	17.2	80.6	1.7				
1984	55.1	0.0	0.9	82.0	29.4	3.8	25.6	69.7	1.0				
1985	61.9	0.0	1.3	77.6	50.1	13.0	37.1	49.6	0.3				
1986	71.0	0.1	1.8	76.4	67.7	25.4	42.3	32.1	0.2	100.0	0.0	0.0	0.0
1987	77.3	0.2	1.5	77.6	84.1	40.7	43.4	15.5	0.4	100.0	0.0	0.0	0.0
1988	87.0	0.1	3.8	91.1	94.9	66.9	28.0	5.1	0.0	93.4	6.5	0.1	0.0
1989	86.5	0.1	4.7	91.7	99.3	78.3	21.0	0.7	0.0	94.3	4.9	0.8	0.0
1990	85.2	0.2	3.9	93.9	100.0	86.6	13.3	0.0	0.0	90.6	4.3	5.1	0.0
1991	87.2	0.1	3.6	94.5	99.9	88.7	11.2	0.0	0.1	89.7	4.9	5.3	0.0
1992	79.1	0.1	2.7	96.6	100.0	94.7	5.3	0.0	0.0	77.0	3.0	20.0	0.0
1993	85.4	0.2	2.3	97.2	100.0	95.6	4.4	0.0	0.0	72.2	0.0	27.8	0.0
1994	84.7	0.0	2.0	97.7	100.0	96.0	4.0	0.0	0.0	68.1	0.5	31.4	0.0
1995	79.6	0.0	2.7	97.2	100.0	98.9	1.1	0.0	0.0	61.5	0.0	38.5	0.0
1996	91.9	0.0	4.3	94.9	99.7	99.7	0.0	0.0	0.3	52.8	0.0	47.2	0.0
1997	90.6	0.1	2.5	97.5	99.8	99.8	0.0	0.0	0.2	50.1	0.0	49.9	0.0
1998	95.2	0.5	3.0	97.0	99.9	99.9	0.0	0.0	0.1	40.4	1.2	57.1	1.3
1999	95.2	0.7	3.3	96.3	99.8	99.8	0.0	0.0	0.2	37.4	1.4	58.5	2.7
2000	92.3	0.9	3.5	95.7	100.0	100.0	0.0	0.0	0.0	25.7	0.2	71.7	2.4
2001	93.0	1.2	3.1	96.1	100.0	100.0	0.0	0.0	0.0	28.2	1.8	66.6	3.4
2002	94.2	0.8	2.6	97.1	100.0	100.0	0.0	0.0	0.0	21.4	0.9	74.7	3.0
2003	91.7	0.6	2.9	97.0	100.0	100.0	0.0	0.0	0.0	21.9	2.5	72.1	3.6
2004	92.9	0.6	4.4	93.5	100.0	100.0	0.0	0.0	0.0	15.2	1.6	81.4	1.8
2005	91.9	1.9	5.7	91.7	99.7	99.7	0.0	0.0	0.3	15.6	1.1	81.8	1.5

Appendix G

Table G-6 **Characteristics of 1975 to 2005 Large Car**

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ---->			WGHT LB	VOL CU-FT	ENGINE		0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG	CU-FT -MPG	CU-FT- TON-MPG	
			LAB 55/45	ADJ CITY	ADJ HWY			ADJ 55/45	CID								HP
1975	1555	0.152	13.1	10.2	12.6	11.2	5142	409	180	13.5	117	0.439	0.0348	28.9			
1976	1679	0.136	14.2	11.1	13.5	12.1	5156	410	180	13.4	117	0.440	0.0349	31.1			
1977	2319	0.164	15.9	12.4	15.2	13.5	4482	128.1	366	165	12.8	118	0.453	0.0370	30.4	1759	3895
1978	2048	0.142	16.8	13.0	16.3	14.3	4394	128.5	357	162	12.8	118	0.457	0.0370	31.7	1869	4071
1979	2111	0.152	17.4	13.7	16.5	14.8	4210	130.0	339	154	12.9	116	0.454	0.0365	31.3	1940	4073
1980	963	0.085	19.1	14.7	18.8	16.3	4130	130.9	314	137	14.0	112	0.440	0.0331	34.0	2156	4448
1981	956	0.091	20.4	15.4	20.8	17.4	4108	131.0	304	133	14.3	111	0.444	0.0325	36.4	2318	4762
1982	832	0.085	20.7	15.6	21.0	17.7	4034	131.0	292	135	13.9	112	0.468	0.0337	36.0	2333	4715
1983	1079	0.105	20.2	15.2	20.6	17.3	4041	131.3	292	140	13.4	113	0.481	0.0347	35.0	2272	4590
1984	1236	0.088	20.5	15.5	21.0	17.5	4022	130.9	294	140	13.4	114	0.478	0.0349	35.3	2298	4622
1985	1512	0.105	22.3	16.6	23.3	19.1	3841	129.3	279	143	12.7	116	0.512	0.0371	36.7	2470	4743
1986	1267	0.082	23.9	17.7	25.5	20.5	3719	127.4	260	147	12.1	119	0.577	0.0396	38.1	2617	4859
1987	1218	0.082	23.9	17.6	25.6	20.4	3696	127.0	259	149	11.8	120	0.587	0.0405	37.8	2602	4799
1988	1303	0.085	24.2	17.8	25.9	20.7	3730	128.1	262	150	11.9	120	0.587	0.0405	38.7	2666	4964
1989	1289	0.089	24.0	17.7	25.7	20.6	3721	127.4	261	158	11.4	122	0.619	0.0427	38.3	2626	4881
1990	1092	0.087	23.7	17.4	25.6	20.3	3799	126.7	258	161	11.4	123	0.639	0.0427	38.5	2575	4882
1991	1012	0.080	23.6	17.4	25.4	20.3	3893	129.0	264	178	10.7	127	0.685	0.0459	39.4	2616	5091
1992	1240	0.102	23.8	17.4	25.7	20.4	3872	129.6	262	185	10.4	130	0.715	0.0480	39.5	2649	5125
1993	1103	0.084	24.2	17.8	26.0	20.7	3831	128.9	256	181	10.5	129	0.720	0.0473	39.8	2685	5133
1994	1277	0.090	24.1	17.7	25.8	20.6	3858	128.3	248	188	10.2	131	0.766	0.0487	39.8	2650	5107
1995	1306	0.086	24.5	17.9	26.5	21.0	3831	127.9	248	206	9.4	138	0.845	0.0539	40.2	2689	5138
1996	1066	0.081	24.3	17.8	26.4	20.8	3894	128.1	250	217	9.2	140	0.879	0.0557	40.6	2677	5204
1997	1195	0.083	24.5	18.0	26.7	21.0	3821	127.4	242	216	9.1	141	0.903	0.0567	40.2	2690	5127
1998	913	0.063	24.6	18.0	26.5	21.1	3784	127.4	240	218	8.9	142	0.922	0.0575	39.9	2694	5083
1999	1059	0.070	24.8	18.2	26.7	21.3	3854	127.0	235	222	8.9	143	0.971	0.0576	41.0	2710	5209
2000	1665	0.100	25.6	18.8	27.4	21.9	3782	124.9	221	215	9.2	141	0.980	0.0564	41.4	2742	5173
2001	1416	0.091	25.4	18.7	27.2	21.8	3774	124.8	221	204	9.5	137	0.932	0.0538	41.2	2728	5139
2002	1252	0.078	26.0	19.2	27.6	22.3	3767	124.0	218	209	9.3	139	0.975	0.0554	42.0	2773	5205
2003	1261	0.080	26.0	19.2	27.7	22.3	3841	124.8	224	208	9.5	138	0.929	0.0538	42.8	2792	5343
2004	1278	0.080	25.8	19.0	27.5	22.1	3882	125.0	228	212	9.4	138	0.928	0.0543	42.9	2781	5365
2005	1494	0.087	25.7	19.0	27.2	22.0	3990	125.7	234	225	9.3	141	0.966	0.0561	43.9	2785	5528

Percent of Large Car:

MODEL YEAR	DRIVETRAIN		TRANSMISSION		FUEL METERING					NUMBER OF VALVES			
	FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	TWO	THREE	FOUR	FIVE
1975	1.5	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0				
1976	1.5	0.0	0.0	0.0	1.2	1.2	0.0	98.8	0.0				
1977	1.5	0.0	0.0	0.0	0.5	0.5	0.0	99.5	0.0				
1978	1.1	0.0	0.0	2.5	0.2	0.2	0.0	98.5	1.4				
1979	0.0	0.0	0.0	6.5	0.2	0.2	0.0	96.4	3.5				
1980	0.0	0.0	0.0	41.6	2.0	0.0	2.0	87.5	10.4				
1981	0.0	0.0	0.0	89.8	17.1	0.0	17.1	67.7	15.2				
1982	0.0	0.0	0.0	93.1	20.1	0.0	20.1	69.9	10.0				
1983	0.0	0.0	0.0	99.9	37.3	0.0	37.3	60.3	2.4				
1984	0.0	0.0	0.0	99.9	39.0	0.0	39.0	60.3	0.8				
1985	31.9	0.0	0.0	100.0	64.0	19.1	44.9	35.7	0.3				
1986	55.9	0.0	0.7	99.2	81.2	65.4	15.8	18.8	0.0	99.3	0.0	0.7	0.0
1987	60.9	0.0	0.5	99.5	85.1	69.9	15.2	14.9	0.0	98.9	0.0	1.1	0.0
1988	58.7	0.0	0.4	99.6	89.5	76.9	12.6	10.5	0.0	98.9	0.0	1.1	0.0
1989	61.9	0.0	0.3	99.7	97.0	74.8	22.2	3.0	0.0	99.2	0.0	0.8	0.0
1990	69.0	0.0	0.2	99.8	98.9	92.9	6.0	1.1	0.0	99.5	0.0	0.5	0.0
1991	59.8	0.0	0.4	99.6	100.0	83.3	16.7	0.0	0.0	99.1	0.0	0.9	0.0
1992	58.5	0.0	0.3	98.5	99.9	89.2	10.7	0.0	0.1	98.1	0.0	1.9	0.0
1993	64.8	0.0	0.4	98.2	100.0	89.7	10.3	0.0	0.0	92.0	0.0	8.0	0.0
1994	69.2	0.0	0.2	99.0	100.0	100.0	0.0	0.0	0.0	82.9	0.0	17.1	0.0
1995	71.2	0.0	0.2	98.2	99.9	99.9	0.0	0.0	0.1	69.6	0.0	30.4	0.0
1996	67.7	0.0	0.1	99.3	100.0	100.0	0.0	0.0	0.0	61.6	0.0	38.4	0.0
1997	72.4	0.0	0.4	99.6	100.0	100.0	0.0	0.0	0.0	64.4	0.0	35.6	0.0
1998	74.2	0.0	0.1	99.9	100.0	100.0	0.0	0.0	0.0	60.2	0.0	39.8	0.0
1999	72.5	0.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	49.7	0.3	50.0	0.0
2000	80.9	0.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	60.2	0.0	39.8	0.0
2001	79.3	0.1	0.0	100.0	100.0	100.0	0.0	0.0	0.0	64.0	2.3	33.6	0.1
2002	86.6	0.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	62.8	2.1	35.0	0.0
2003	77.1	0.3	0.0	100.0	100.0	100.0	0.0	0.0	0.0	72.7	1.7	25.5	0.0
2004	76.0	1.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	71.4	1.7	26.3	0.5
2005	62.4	3.8	0.0	95.5	100.0	100.0	0.0	0.0	0.0	60.5	1.6	37.5	0.4

Appendix G

Table G-7

Characteristics of 1975 to 2005 Small Wagon

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ----> LAB 55/45 ADJ CITY ADJ HWY ADJ 55/45	WGHT LB	VOL CU-FT	ENGINE CID	HP	0-60 TIME	TOP SPD	HP/CID	HP/WT	TON -MPG	CU-FT -MPG	CU-FT- TON-MPG	
1975	477	0.047	22.4	17.4	21.6	19.1	2833	128	87	14.8	104	0.713	0.0307	27.3	
1976	345	0.028	23.9	18.7	22.9	20.4	2902	136	86	15.2	103	0.668	0.0297	29.8	
1977	384	0.027	25.5	20.2	23.8	21.7	2801	108.0	134	85	14.9	104	0.685	0.0305	30.8
1978	361	0.025	24.3	19.2	22.9	20.7	2805	108.0	134	90	14.3	105	0.709	0.0319	29.5
1979	310	0.022	25.7	20.3	24.3	21.9	2711	105.1	123	81	15.1	102	0.684	0.0295	29.8
1980	310	0.027	28.6	22.6	27.0	24.4	2591	108.2	113	75	15.4	101	0.685	0.0289	32.0
1981	418	0.040	30.0	23.6	28.5	25.6	2531	110.6	108	79	14.4	103	0.755	0.0313	32.6
1982	382	0.039	30.6	23.9	29.4	26.1	2580	112.2	109	75	15.3	101	0.698	0.0289	33.8
1983	531	0.052	32.2	25.3	30.5	27.4	2565	108.2	105	74	15.3	101	0.713	0.0289	35.3
1984	461	0.033	31.9	24.9	30.7	27.2	2620	116.5	107	77	15.2	102	0.719	0.0294	35.9
1985	496	0.034	32.5	25.4	30.9	27.7	2579	117.7	106	78	15.0	102	0.727	0.0300	35.9
1986	348	0.023	31.0	24.4	29.3	26.4	2647	118.4	113	82	14.7	103	0.730	0.0308	35.2
1987	361	0.024	30.7	24.1	29.2	26.2	2795	120.0	116	91	14.2	106	0.788	0.0324	36.8
1988	253	0.017	31.3	24.8	29.3	26.6	2757	118.7	113	93	13.7	107	0.829	0.0336	36.9
1989	159	0.011	31.5	24.8	29.9	26.8	2766	118.6	112	96	13.5	108	0.862	0.0344	37.2
1990	160	0.013	29.6	23.1	28.3	25.2	3026	122.2	120	110	12.9	111	0.920	0.0361	38.2
1991	209	0.017	30.6	23.7	29.7	26.1	3005	123.3	120	106	13.3	110	0.880	0.0350	39.3
1992	143	0.012	30.2	23.3	29.5	25.7	3076	123.7	122	123	12.4	116	1.017	0.0399	39.7
1993	301	0.023	32.5	25.0	32.2	27.8	2882	123.0	118	99	13.5	108	0.842	0.0343	40.2
1994	206	0.015	32.9	25.0	33.0	28.1	2908	122.9	121	103	13.3	110	0.848	0.0352	41.1
1995	198	0.013	33.3	25.5	33.3	28.5	2859	122.1	118	100	13.4	109	0.844	0.0348	40.8
1996	90	0.007	31.6	24.1	31.5	26.9	2952	118.0	122	114	12.5	113	0.928	0.0382	39.9
1997	149	0.010	32.2	24.5	32.5	27.5	2901	119.5	124	117	11.8	116	0.943	0.0404	40.0
1998	99	0.007	32.1	24.3	32.6	27.5	2872	116.9	124	119	11.7	117	0.957	0.0411	39.5
1999	78	0.005	31.5	23.9	32.0	26.9	2923	117.9	125	126	11.3	119	1.004	0.0428	39.5
2000	68	0.004	29.2	22.0	30.1	25.0	3107	119.7	127	143	10.7	123	1.129	0.0459	38.9
2001	212	0.014	27.3	20.9	27.1	23.3	3470	119.6	145	148	11.3	121	1.022	0.0426	40.5
2002	236	0.015	26.1	19.9	26.2	22.3	3504	118.2	145	156	11.0	124	1.085	0.0445	39.3
2003	338	0.021	30.2	23.4	29.3	25.7	3262	115.2	127	146	10.9	123	1.162	0.0448	42.7
2004	380	0.024	31.5	24.6	30.4	26.9	3203	117.6	123	163	10.2	130	1.308	0.0503	43.4
2005	338	0.020	30.9	24.0	29.9	26.3	3275	116.6	129	170	10.0	131	1.312	0.0514	43.5

Percent of Small Wagon:

MODEL YEAR	DRIVETRAIN		TRANSMISSION		FUEL METERING					NUMBER OF VALVES			
	FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	TWO	THREE	FOUR	FIVE
1975	13.3	0.0	48.6	0.0	0.8	0.8	0.0	99.2	0.0				
1976	12.2	0.0	42.8	0.0	3.2	3.2	0.0	96.8	0.0				
1977	23.3	0.0	52.9	0.0	6.4	6.4	0.0	93.0	0.6				
1978	23.0	0.0	56.3	0.0	6.9	6.9	0.0	93.1	0.0				
1979	13.3	12.1	59.3	0.0	1.0	1.0	0.0	99.0	0.0				
1980	24.4	9.8	67.3	4.6	1.1	1.1	0.0	92.5	6.3				
1981	57.9	8.0	62.0	8.1	4.0	4.0	0.0	93.9	2.2				
1982	68.3	8.9	54.0	19.4	5.6	4.8	0.7	93.3	1.2				
1983	55.4	39.3	51.0	23.7	20.7	3.7	17.0	79.0	0.3				
1984	81.4	15.6	43.7	39.2	37.3	5.1	32.2	61.1	1.6				
1985	60.0	39.6	42.7	42.2	21.7	6.2	15.4	77.8	0.5				
1986	78.4	20.7	43.3	29.0	31.0	6.8	24.3	68.2	0.8	100.0	0.0	0.0	0.0
1987	76.6	23.4	34.4	41.0	71.8	29.2	42.6	28.2	0.0	78.8	4.9	16.3	0.0
1988	80.2	19.8	37.8	34.6	93.4	30.6	62.8	6.6	0.0	80.5	0.6	18.9	0.0
1989	89.9	10.1	26.6	51.8	89.7	41.0	48.8	10.3	0.0	59.8	3.2	36.9	0.0
1990	68.3	31.7	30.6	58.8	100.0	59.4	40.6	0.0	0.0	35.5	1.0	63.6	0.0
1991	79.1	20.9	24.4	74.1	100.0	80.0	20.0	0.0	0.0	51.4	0.0	48.6	0.0
1992	73.0	25.5	30.9	68.2	100.0	95.3	4.7	0.0	0.0	56.1	0.0	43.9	0.0
1993	83.2	16.2	28.9	70.6	100.0	95.8	4.2	0.0	0.0	80.1	0.0	19.9	0.0
1994	88.6	10.6	26.3	72.1	100.0	97.8	2.2	0.0	0.0	80.0	0.0	20.0	0.0
1995	92.8	4.6	23.8	76.2	100.0	100.0	0.0	0.0	0.0	74.3	0.0	25.7	0.0
1996	84.5	11.2	20.8	79.2	100.0	100.0	0.0	0.0	0.0	48.9	0.0	51.1	0.0
1997	82.9	14.4	19.6	80.4	100.0	100.0	0.0	0.0	0.0	59.3	0.0	40.7	0.0
1998	79.3	18.0	18.5	81.5	100.0	100.0	0.0	0.0	0.0	51.6	0.0	44.9	3.5
1999	71.8	22.8	20.1	77.6	100.0	100.0	0.0	0.0	0.0	36.8	0.0	58.7	4.4
2000	71.5	17.9	15.2	78.0	100.0	100.0	0.0	0.0	0.0	0.8	0.0	95.8	3.4
2001	92.6	5.1	14.9	84.5	100.0	100.0	0.0	0.0	0.0	2.6	0.0	95.2	2.2
2002	82.0	14.9	19.6	79.8	99.1	99.1	0.0	0.0	0.9	4.7	1.6	91.5	2.2
2003	86.2	11.7	16.6	83.4	98.0	98.0	0.0	0.0	2.0	24.5	1.1	72.5	1.9
2004	79.9	19.2	25.9	74.1	97.8	97.8	0.0	0.0	2.2	3.8	1.6	93.2	1.5
2005	81.0	18.2	23.9	74.7	98.7	98.7	0.0	0.0	1.3	2.6	1.1	94.5	1.8

Appendix G

Table G-8 **Characteristics of 1975 to 2005 Mid-Size Wagon**

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ----> LAB ADJ ADJ 55/45 CITY HWY 55/45	WGHT LB	VOL CU-FT	ENGINE CID	HP	0-60 TIME	TOP SPD	HP/ CID	HP/ WT	TON -MPG	CU-FT -MPG	CU-FT- TON-MPG	
1975	289	0.028	13.2	10.2	12.9	11.3	4791	361	162	13.8	115	0.473	0.0338	27.4	
1976	485	0.039	16.0	12.6	15.1	13.6	4555	315	142	14.8	110	0.458	0.0311	31.2	
1977	548	0.039	16.3	12.9	15.3	13.9	4410	143.6	297	135	15.1	109	0.459	0.0305	30.7
1978	503	0.035	18.6	14.6	17.6	15.8	3836	140.0	258	123	14.4	109	0.484	0.0320	30.5
1979	482	0.035	19.1	15.2	17.9	16.3	3758	139.7	249	118	14.7	108	0.480	0.0313	30.7
1980	257	0.023	21.1	16.5	20.1	18.0	3534	139.7	228	107	15.0	106	0.482	0.0304	31.9
1981	272	0.026	23.1	18.1	21.8	19.6	3285	136.2	193	103	14.5	107	0.562	0.0316	32.4
1982	284	0.029	23.7	18.5	22.6	20.2	3384	136.1	205	108	14.3	108	0.551	0.0320	34.3
1983	276	0.027	24.4	19.1	23.3	20.8	3348	136.2	200	109	14.1	108	0.568	0.0325	35.0
1984	365	0.026	25.0	19.4	24.2	21.3	3298	135.9	172	107	14.1	108	0.633	0.0324	35.3
1985	341	0.024	25.2	19.4	24.6	21.5	3356	134.8	170	112	13.9	109	0.679	0.0334	36.2
1986	409	0.027	26.0	19.9	25.8	22.2	3355	137.8	162	115	13.6	110	0.718	0.0342	37.2
1987	359	0.024	25.6	19.5	25.8	21.9	3434	140.2	173	125	13.0	113	0.735	0.0363	37.6
1988	285	0.019	26.2	19.8	26.9	22.4	3378	139.4	171	126	12.7	114	0.743	0.0372	38.0
1989	239	0.017	25.6	19.3	26.4	21.9	3436	139.9	176	132	12.4	116	0.765	0.0383	37.7
1990	184	0.015	25.3	18.9	26.5	21.7	3498	141.6	181	139	12.0	118	0.782	0.0397	38.0
1991	122	0.010	25.9	19.3	27.1	22.2	3506	142.3	181	140	12.0	118	0.794	0.0401	39.0
1992	137	0.011	26.2	19.4	27.7	22.4	3503	142.6	188	143	11.8	119	0.777	0.0408	39.4
1993	166	0.013	26.2	19.5	27.5	22.5	3498	137.7	188	144	11.7	120	0.790	0.0411	39.4
1994	138	0.010	26.0	19.3	27.4	22.3	3532	137.4	180	151	11.4	122	0.863	0.0428	39.4
1995	176	0.012	26.6	19.9	27.8	22.8	3482	135.9	167	148	11.4	121	0.915	0.0426	39.7
1996	169	0.013	26.3	19.7	27.0	22.5	3661	136.9	161	153	11.6	122	0.965	0.0422	41.2
1997	149	0.010	26.3	19.8	26.8	22.4	3666	136.5	160	158	11.3	123	1.001	0.0434	41.1
1998	153	0.011	26.2	20.0	26.4	22.4	3669	135.3	155	169	10.7	127	1.096	0.0461	41.1
1999	181	0.012	26.3	19.9	26.9	22.5	3691	136.4	157	169	10.8	126	1.087	0.0457	41.6
2000	234	0.014	27.3	20.7	27.4	23.3	3572	134.0	153	162	11.0	125	1.060	0.0452	41.6
2001	236	0.015	26.6	20.3	26.5	22.7	3775	133.6	155	175	10.7	128	1.139	0.0463	43.1
2002	208	0.013	27.4	21.0	27.3	23.4	3731	133.6	152	172	10.7	127	1.136	0.0460	43.6
2003	171	0.011	27.2	20.7	27.4	23.3	3745	133.5	151	174	10.7	127	1.157	0.0463	43.6
2004	230	0.014	27.3	20.7	27.4	23.3	3700	133.3	154	177	10.4	129	1.154	0.0479	43.1
2005	328	0.019	26.6	20.1	27.1	22.7	3807	133.4	181	213	9.3	139	1.193	0.0553	43.4

Percent of Mid-Size Wagon:

MODEL YEAR	DRIVETRAIN		TRANSMISSION		FUEL METERING					NUMBER OF VALVES			
	FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	TWO	THREE	FOUR	FIVE
1975	0.0	0.0	4.0	0.0	7.6	7.6	0.0	92.2	0.2				
1976	0.0	0.0	7.1	0.0	3.4	3.4	0.0	96.5	0.1				
1977	0.0	0.0	4.6	0.0	3.5	3.5	0.0	96.2	0.3				
1978	0.0	0.0	5.3	17.2	3.0	3.0	0.0	96.8	0.3				
1979	0.0	0.0	5.3	9.1	2.5	2.5	0.0	95.0	2.5				
1980	0.0	0.0	9.9	43.8	4.3	4.3	0.0	89.8	5.9				
1981	35.6	0.0	12.8	28.5	6.9	6.9	0.0	87.2	5.9				
1982	28.2	0.0	7.4	62.6	5.7	5.7	0.0	88.0	6.3				
1983	32.8	0.0	6.2	50.2	7.9	7.9	0.0	89.8	2.3				
1984	69.9	0.0	5.4	62.5	30.7	10.4	20.3	66.8	2.5				
1985	69.5	4.5	5.9	64.7	56.2	25.7	30.5	42.0	1.8				
1986	82.2	2.1	9.1	71.0	79.3	51.3	28.0	20.6	0.2	100.0	0.0	0.0	0.0
1987	83.9	0.1	4.4	83.6	94.5	71.7	22.8	4.7	0.8	100.0	0.0	0.0	0.0
1988	87.7	0.7	3.8	87.2	100.0	70.2	29.8	0.0	0.0	100.0	0.0	0.0	0.0
1989	77.5	8.2	7.1	80.7	100.0	87.7	12.3	0.0	0.0	99.0	0.0	1.0	0.0
1990	81.1	0.4	1.7	87.9	100.0	98.5	1.5	0.0	0.0	96.6	0.0	3.4	0.0
1991	79.6	1.3	2.4	85.6	100.0	99.3	0.7	0.0	0.0	96.4	0.0	3.6	0.0
1992	80.8	0.6	1.7	88.9	100.0	99.7	0.3	0.0	0.0	89.7	0.0	10.3	0.0
1993	87.0	0.6	1.8	91.2	100.0	100.0	0.0	0.0	0.0	82.7	0.0	17.3	0.0
1994	89.0	0.4	1.6	94.0	100.0	100.0	0.0	0.0	0.0	79.9	0.0	20.1	0.0
1995	64.8	27.8	10.1	86.7	100.0	100.0	0.0	0.0	0.0	48.6	0.0	51.4	0.0
1996	61.0	39.0	12.9	87.1	99.2	99.2	0.0	0.0	0.8	36.5	0.0	63.5	0.0
1997	48.5	51.5	13.4	86.6	99.9	99.9	0.0	0.0	0.1	32.4	0.0	67.6	0.0
1998	32.8	64.1	13.7	86.3	100.0	100.0	0.0	0.0	0.0	13.0	3.1	82.3	1.6
1999	44.8	52.0	12.1	87.9	100.0	100.0	0.0	0.0	0.0	18.5	3.2	68.1	10.1
2000	54.4	43.3	9.9	90.1	100.0	100.0	0.0	0.0	0.0	19.2	1.2	69.0	10.6
2001	42.4	56.5	8.5	91.5	100.0	100.0	0.0	0.0	0.0	10.8	2.4	74.6	12.2
2002	49.0	50.3	8.9	91.1	100.0	100.0	0.0	0.0	0.0	6.3	1.9	80.8	10.9
2003	46.9	52.7	9.2	90.8	100.0	100.0	0.0	0.0	0.0	7.0	0.7	74.1	18.2
2004	40.0	58.6	24.2	75.8	99.9	99.9	0.0	0.0	0.1	3.6	3.5	84.4	8.5
2005	34.4	36.3	7.5	92.5	99.0	99.0	0.0	0.0	1.0	10.4	1.1	80.7	7.7

Appendix G

Table G-9 **Characteristics of 1975 to 2005 Large Wagon**

MODEL YEAR	SALES (000)	FRAC	<---- FUEL ECONOMY ---->			WGHT LB	VOL CU-FT	ENGINE		0-60 TIME	TOP SPD	HP/CID	HP/WT	TON -MPG	CU-FT -MPG	CU-FT- TON-MPG	
			LAB 55/45	ADJ CITY	ADJ HWY			ADJ 55/45	CID								HP
1975	197	0.019	11.9	9.3	11.6	10.2	5453	410	181	14.0	116	0.441	0.0333	27.9			
1976	207	0.017	13.5	10.6	12.9	11.5	5444	416	185	13.7	117	0.445	0.0340	31.4			
1977	340	0.024	15.5	12.2	14.6	13.2	4713	163.1	365	161	13.6	115	0.442	0.0342	31.4	2185	5113
1978	293	0.020	15.9	12.4	15.4	13.6	4664	162.4	354	162	13.4	116	0.460	0.0348	31.8	2216	5161
1979	275	0.020	16.1	12.8	15.1	13.7	4466	162.5	333	155	13.4	115	0.465	0.0346	30.7	2240	4996
1980	102	0.009	19.1	14.7	18.9	16.3	4423	161.5	323	134	15.2	109	0.418	0.0304	36.9	2690	5953
1981	108	0.010	19.9	15.0	20.3	17.0	4394	161.4	312	131	15.3	108	0.424	0.0299	38.2	2797	6154
1982	146	0.015	19.2	14.4	19.8	16.4	4396	161.3	306	139	14.6	110	0.456	0.0316	36.5	2677	5877
1983	130	0.013	19.6	14.7	20.2	16.7	4379	161.6	307	142	14.1	112	0.465	0.0325	36.8	2714	5940
1984	176	0.013	19.9	14.9	20.5	17.0	4371	161.7	305	144	13.9	112	0.472	0.0330	37.3	2760	6028
1985	145	0.010	20.9	15.6	21.8	17.9	4354	161.7	305	153	13.2	115	0.504	0.0354	39.0	2894	6299
1986	120	0.008	22.0	16.3	23.4	18.9	4381	161.4	304	146	13.9	113	0.479	0.0334	41.4	3047	6673
1987	88	0.006	22.1	16.4	23.3	19.0	4348	161.8	304	143	14.0	112	0.470	0.0330	41.3	3068	6669
1988	75	0.005	22.8	17.1	23.7	19.5	4349	161.7	304	143	14.0	112	0.470	0.0330	42.5	3158	6865
1989	63	0.004	22.5	16.9	23.3	19.3	4334	161.8	304	143	13.9	112	0.471	0.0332	41.7	3116	6747
1990	31	0.002	22.7	16.9	23.6	19.4	4337	161.6	304	143	13.9	112	0.471	0.0332	42.1	3135	6795
1991	34	0.003	22.9	16.8	24.8	19.7	4402	169.1	304	177	11.9	122	0.581	0.0404	43.2	3323	7316
1992	27	0.002	22.7	16.5	25.0	19.5	4500	170.3	338	177	12.1	121	0.526	0.0394	43.8	3315	7459
1993	19	0.001	22.5	16.3	25.1	19.3	4500	169.3	340	174	12.2	120	0.513	0.0386	43.5	3272	7363
1994	16	0.001	22.9	16.7	25.0	19.7	4500	169.2	350	250	9.1	144	0.714	0.0556	44.2	3326	7484
1995	10	0.001	22.8	16.6	24.9	19.6	4500	169.3	350	250	9.1	144	0.714	0.0556	44.0	3313	7453
1996	9	0.001	23.2	16.8	25.6	19.9	4500	170.2	350	260	8.9	147	0.743	0.0578	44.8	3386	7618
2004	83	0.005	22.1	16.7	22.5	18.9	4734	165.0	215	249	9.5	141	1.158	0.0527	44.7	3115	7368
2005	79	0.005	22.3	16.8	22.9	19.1	4703	165.0	218	243	9.7	139	1.116	0.0517	44.9	3154	7410

Percent of Large Wagon:

MODEL YEAR	DRIVETRAIN		TRANSMISSION		FUEL METERING					NUMBER OF VALVES			
	FRONT	4WD	MANUAL	LOCK	FI	PORT	TBI	CARB	DSL	TWO	THREE	FOUR	FIVE
1975	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0				
1976	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0				
1977	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0				
1978	0.0	0.0	0.0	0.0	0.0	0.0	0.0	98.6	1.4				
1979	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0				
1980	0.0	0.0	0.0	74.0	0.0	0.0	0.0	73.3	26.7				
1981	0.0	0.0	0.0	100.0	0.2	0.0	0.2	74.6	25.2				
1982	0.0	0.0	0.0	100.0	0.0	0.0	0.0	89.0	11.0				
1983	0.0	0.0	0.0	100.0	24.1	0.0	24.1	71.3	4.6				
1984	0.0	0.0	0.0	100.0	25.8	0.0	25.8	72.7	1.5				
1985	0.0	0.0	0.0	100.0	29.2	0.0	29.2	70.4	0.4				
1986	0.0	0.0	0.0	100.0	23.7	23.7	0.0	76.3	0.0	100.0	0.0	0.0	0.0
1987	0.0	0.0	0.0	100.0	30.3	30.3	0.0	69.7	0.0	100.0	0.0	0.0	0.0
1988	0.0	0.0	0.0	100.0	30.2	30.2	0.0	69.8	0.0	100.0	0.0	0.0	0.0
1989	0.0	0.0	0.0	100.0	33.1	33.1	0.0	66.9	0.0	100.0	0.0	0.0	0.0
1990	0.0	0.0	0.0	100.0	32.7	32.7	0.0	67.3	0.0	100.0	0.0	0.0	0.0
1991	0.0	0.0	0.0	100.0	100.0	19.5	80.5	0.0	0.0	100.0	0.0	0.0	0.0
1992	0.0	0.0	0.0	100.0	100.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0
1993	0.0	0.0	0.0	100.0	100.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0
1994	0.0	0.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0
1995	0.0	0.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0
1996	0.0	0.0	0.0	100.0	100.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0
2004	53.1	46.9	0.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
2005	59.3	40.7	0.0	100.0	100.0	100.0	0.0	0.0	0.0	18.6	0.0	81.4	0.0